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CIA/PIB-1009/61
July 1961

CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE BRIEF

AIRCRAFT PLANT "CHKALOV" 153
AND
NORTHEAST AIRFIELD,
NOVOSIBIRSK, USSR



Published and Disseminated by

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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NOVOSIBIRSK AIRCRAFT PLANT "CHKALOV" 153
NOVOSIBIRSK AIRFIELD, NORTHEAST

The Novosibirsk Aircraft Plant "Chkalov" 153, (55-04N 82-59E), located on the northeastern outskirts of the city, is one of the largest producers of fighter aircraft in the USSR. Novosibirsk Northeast Airfield, which adjoins the aircraft plant on the northeast, is used primarily as a test and flyaway field. The following aircraft were observed at the airfield

25X1 [] 128 FARMER, four CAB, one BEAGLE, one FRESCO, one probable COLT, and a small unidentified single-engine aircraft.

The aircraft plant occupies an area approximately 4,200 by 2,200 feet with a roof cover of slightly over 2 million square feet. The plant is rail served and includes two large airframe assembly buildings, 1,150 by 590 feet and 870 by 435 feet, and supporting forges, foundry, power plant, and machine shops. Adjoining the plant on the west is a large lumber mill and in the western part of the plant area proper are several woodworking shops engaged in the manufacture of crates for shipping aircraft fuselages.

The airfield facilities include a concrete runway 6,600 by 230 feet, oriented NE/SW, and a rail-served POL area containing six fuel tanks, 40 feet in diameter []

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The major components of the aircraft plant and airfield are identified on the accompanying sketch and described in the accompanying key to annotations.

KEY TO ANNOTATIONS

1. Lumber storage and woodworking shops area. This area is served by several rail spurs and consists of the following single-story building:
 - Planning mill 320 x 100.*
 - Five woodworking shops, 300 x 90, 290 x 60, 265 x 65, 200 x 80, and one 700 x 95 with longitudinal monitor roof.
 - Thirteen lumber storage sheds, 215 x 40, 490 x 40, and eleven 110 x 50.
 - Crate assembly shop, 190 x 85.
 - Warehouse, 410 x 115.

* All dimensions are in feet.

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Two administration buildings, 220 x 40 and 170 x 40.
A 135 high, 40 diameter water standpipe and a 55 x 40
transformer house are also located in this area.

2. Two engineering/laboratory buildings. One is 130 x 40. The other, 160 x 45, is completely enclosed by a high fence.
3. Forge, T-shaped, 155 x 80 and 275 x 65.
4. Possible laboratory, 145 x 40.
5. Subassembly building, single story, 870 x 435, monitor roof.
6. Foundry, 290 x 65.
7. Coal preparation buildings, 210 x 50. Adjacent to large rail-served, coal storage area.
8. Thermal power plant, 290 x 90.
9. Two shop building, 145 x 70 and 90 x 90.
10. Crating building, 380 x 120. The presence of 10-12 fighter aircraft fuselages adjacent to this building suggests that the function of this building is the packing and crating of fuselages.
11. Two loading sheds, 160 x 45 and 100 x 70. A railroad tract passes through these buildings. The fuselages, crated in the adjoining building (No 10), are loaded for shipment here.
12. Hangar, three bay, [REDACTED] 25X1
13. Flight production building, [REDACTED] 25X1
14. Flight operations building, 130 x 45.
15. Nose hangar, 260 x 50.
16. Shops and subassembly building, 1,150 x 485 x 25 high.
- 25X1 17. Final assembly hall, [REDACTED]

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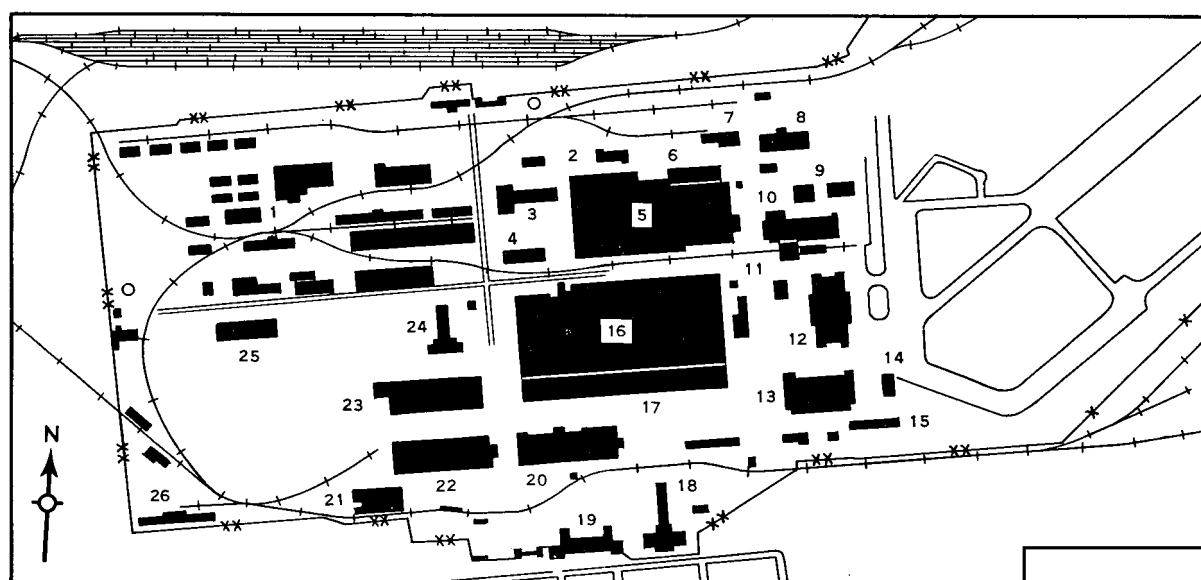
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18. Administration building, T-shaped, 240 x 55 and 280 x 55. Probably contains messhall, recreation facilities, and living quarters.
19. Main administration building, three-story, irregular shape, 23,000 sq ft roof cover.
20. Machine shop, 540 x 180, partly under construction.
21. Shop, 275 x 110.
22. Possible engineering building, 500 x 170, longitudinal monitor roof.
23. Probable warehouse, 510 x 145, lateral monitor roof. Two firewalls divide this building into three sections.
24. Storage building, T-shaped, 185 x 50 and 195 x 40.
25. Crate assembly building, 330 x 100. In the vicinity of this building are approximately 40 crates of size suitable for shipping fighter aircraft fuselages.
26. Storage building, 420 x 40, rail served.



AIRCRAFT PLANT "CHKALOV" 153, NOVOSIBIRSK, USSR.

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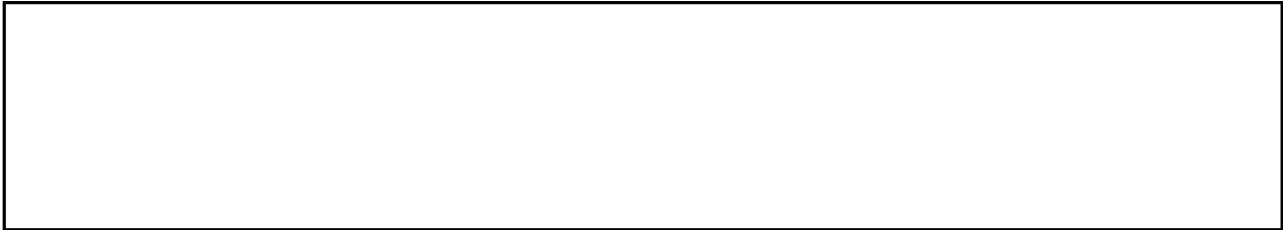
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MAPS AND CHARTS

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Approved For Release 2002/08/12 : CIA-RDP78T05161A001600010010-1

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